



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Registration Division (7505P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

83529-50

Date of Issuance:

6/9/16

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Sharda Imazethapyr 2

Name and Address of Registrant (include ZIP Code):

Sharda USA LLC  
 7217 Lancaster Pike, Suite A  
 Hockessin, DE 19707

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

*Heather Garvie*

Date:

6/9/16

Heather Garvie, Product Manager 24  
 Fungicide and Herbicide Branch  
 Registration Division (7505P)  
 Office of Pesticide Programs

2. You are required to comply with the data requirements described in the DCI identified below:
  - a. Imazethapyr Ammonium Salt GDCI-128923-1547

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: <http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

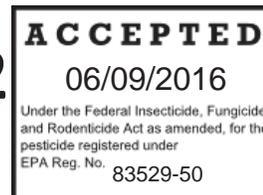
- Basic CSF dated 12/18/15

If you have any questions, please contact Erik Kraft at (703) 308-9358 or [kraft.erik@epa.gov](mailto:kraft.erik@epa.gov).

Enclosure

# Sharda Imazethapyr 2

## ABN: Praxis



**HERBICIDE FOR USE IN ALFALFA, CLOVER, PEAS AND BEANS, PEANUTS, AND SOYBEANS**  
 (Not for use on CLEARFIELD® rice or any other rice varieties or hybrids.)

ACTIVE INGREDIENT:	WT. BY %
Ammonium salt of imazethapyr (±)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid* .....	22.87%
<b>OTHER INGREDIENTS:</b> .....	<b>77.13%</b>
<b>TOTAL:</b> .....	<b>100.00%</b>

\*Equivalent to 21.6% (±)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid (1 gal. contains 2.0 lbs. of active ingredient as the free acid).

### KEEP OUT OF REACH OF CHILDREN

### CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
 (If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID	
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by a poison control center or doctor.</li> <li>• Do not give anything to an unconscious person.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of an emergency involving this product, call CHEMTREC at <b>1-800-424-9300</b> .	

EPA Reg. No. 83529-50

EPA Est. No. XXXXX-XX-XXX



7217 Lancaster Pike, Suite A  
 Hockessin, Delaware 19707

Net Contents: \_\_\_\_\_

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as butyl rubber  $\geq 14$  mils, or natural rubber  $\geq 14$  mils, or neoprene rubber  $\geq 14$  mils, or nitrile rubber  $\geq 14$  mils
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. DO NOT contaminate water when disposing of equipment washwaters or rinsate.

**Groundwater Advisory and Proper Handling Instructions**

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

**Sharda Imazethapyr 2** may not be mixed or loaded within 50 feet of any wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes or reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas.

Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or washwater, and rainwater that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above specific minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

DO NOT apply **Sharda Imazethapyr 2** through any type of irrigation system.

**Sharda Imazethapyr 2** must be used in a manner which will prevent back siphoning in wells, spills or improper disposal of excess pesticide, spray mixture.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not mix or allow coming in contact with oxidizing agents. Hazardous chemical reactions may occur.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. This labeling must be in the possession of the user at the time of pesticide application.

Observe all cautions and limitations on this label and on the labels of products used in combination with **Sharda Imazethapyr 2**. Do not use **Sharda Imazethapyr 2** other than in accordance with the instructions set forth on this label. The use of **Sharda Imazethapyr 2** not consistent with this label may result in injury to crops. Keep containers closed to avoid spills and contamination.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**DO NOT** enter or allow worker entry into treated areas during the restricted-entry interval (REI) of **4 hours**.

**Exception:** If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves, such as butyl rubber ≥14 mils, or natural rubber ≥14 mils, or neoprene rubber ≥14 mils, or nitrile rubber ≥14 mils
- Shoes plus socks

#### PRODUCT INFORMATION

Not for use on CLEARFIELD® rice or any other rice varieties or hybrids.

**Sharda Imazethapyr 2** kills weeds by root and/or foliage uptake and rapid translocation to the growing points. Adequate soil moisture is important for optimum **Sharda Imazethapyr 2** activity. When adequate soil moisture is present, **Sharda Imazethapyr 2** will provide residual control of susceptible germinating weeds; activity on established weeds will depend on the weed species and the location of its root system in the soil.

Occasionally, internode shortening and/or temporary yellowing of crop plants occurs following **Sharda Imazethapyr 2** applications. These effects occur infrequently and are temporary. Normal growth and appearance should resume within 1 to 2 weeks.

When organophosphate (such as Lorsban) or carbamate insecticides are tank-mixed with **Sharda Imazethapyr 2**, temporary injury may result to the treated crops.

Use of **Sharda Imazethapyr 2** herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible. Under some conditions (such as heavy texture soil, high organic matter, low pH or low rainfall) **Sharda Imazethapyr 2** may cause injury to subsequent planted crops. Vegetable crops and particularly sugar beets are sensitive to **Sharda Imazethapyr 2** residues in the soil.

Naturally occurring biotypes\* of some of the weeds listed on this label may not be effectively controlled by this and/or other products with either the ALS/AHAS enzyme inhibiting mode of action. Other herbicides with the ALS/AHAS enzyme inhibiting mode of action include the sulfonylureas (e.g., Accent®, Basis®, Classic®, Harmony GT®, Spirit®, Permit®, etc.), the sulfonamides (e.g., FirstRate®, etc.) and the pyrimidyl benzoates (e.g., Staple®, etc.). If naturally occurring ALS/AHAS resistant biotypes are present in a field, **Sharda Imazethapyr 2** and/or any other ALS/AHAS enzyme inhibiting mode of action herbicide must be tank-mixed or applied sequentially with an appropriate registered herbicide having a different mode of action to ensure control.

\*A weed biotype is a naturally occurring plant within a given species that has a slightly different, but distinct, genetic makeup from other plants.

**Replanting:** If replanting is necessary in a field previously treated with **Sharda Imazethapyr 2**, the field may be replanted to soybeans, or peanuts (imidazolinone resistant/tolerant corn), lima beans or Southern peas. Rework the soil no deeper than the treated zone. Do not apply a second treatment of **Sharda Imazethapyr 2**.

#### **EDIBLE LEGUME VEGETABLES**

Reduced crop growth, quality, yield and/or delayed maturity may result from **Sharda Imazethapyr 2** application to edible legume vegetables. Since crop maturity may be delayed, timing of harvest may need to be adjusted accordingly. DO NOT apply **Sharda Imazethapyr 2** if planting is delayed and chance of frost prior to maturity is likely.

Use **Sharda Imazethapyr 2** ONLY if proper agronomic practices have been utilized, including good soil fertility, proper crop rotation, disease and insect management and tillage practices that eliminate compaction and hardpans. Plant peas, lentils or lima beans at least 1/2 inch deep to reduce risk of crop injury.

DO NOT apply **Sharda Imazethapyr 2** if cold and/or wet conditions are present or predicted to occur within one week of application. DO NOT apply **Sharda Imazethapyr 2** post-emergence after crop has begun to flower or crop injury may result. (Refer to specific legume vegetable crop for specific application timings listed).

#### **USE AREA RESTRICTIONS**

In New York State – Not for Sale or Use on Long Island.

#### **MIXING INSTRUCTIONS**

**POST-EMERGENCE APPLICATIONS OF SHARDA IMAZETHAPYR 2 REQUIRE THE ADDITION OF AN ADJUVANT AND A FERTILIZER SOLUTION.**

**NOTE:** Do not use fertilizer solutions in the state of California.

#### **ADJUVANTS**

**CROP OIL CONCENTRATE:** A petroleum or vegetable seed based oil concentrate may be used. Use methylated seed oils are when weeds are under moisture or temperature stress. Use methylated seed oils at the rate of 1.0% v/v (1 gal. per 100 gals. of spray solution), or use a crop oil concentrate at 1.25% v/v (1.25 gals. per 100 gals. of spray solution). DO NOT include a CROP OIL CONCENTRATE when applying **Sharda Imazethapyr 2** to edible legume vegetable crops.

**OR**

**SURFACTANTS:** Use a non-ionic surfactant containing at least 80% active ingredient. Apply the surfactant at the rate of 0.25% v/v (1 quart per 100 gals. of spray solution). An organosilicone surfactant or dry surfactant may be used in place of a non-ionic surfactant.

**AND**

**(All States Except California)**

#### **FERTILIZER SOLUTION**

Acceptable nitrogen-based fertilizers include liquid fertilizers (such as 28%N, 32%N, or 10-34-0) may be applied at the rate of 1.25 to 2.5 gals. per 100 gals. of spray solution. Use the higher rate within the specified rate range when weeds are under moisture or temperature stress. Instead of a liquid fertilizer, use spray grade ammonium sulfate at the rate of 12 – 15 lbs. per 100 gals. of spray solution.

**NOTE:** Fertilizer solution is not required in **Sharda Imazethapyr 2** applications in use areas south of interstate highway 40, except in the states of Texas, New Mexico and Oklahoma.

Fill the spray tank one-half full with clean water. Use a calibrated measuring device to measure the required amount of **Sharda Imazethapyr 2**. Add **Sharda Imazethapyr 2** to the spray tank while agitating. Add adjuvants and fill the remainder of the tank with water.

#### **TANK-MIX COMBINATIONS WITH OTHER HERBICIDES**

If other herbicides are tank-mixed with **Sharda Imazethapyr 2**, while agitating, add components in the following order:

1. Fill spray tank 1/2 full with clean water.
2. Add soluble packet products and thoroughly mix.
3. Add WP (wetttable powder), DG (dispersible granule), DF (dry flowable) or liquid flowable formulations not in soluble packets.
4. Add **Sharda Imazethapyr 2** and thoroughly mix.
5. Add other aqueous solution products.
6. Add EC (emulsifiable concentrate) products.
7. Add surfactant or crop oil to the spray tank.
8. Add liquid fertilizer.
9. While agitating, fill the remainder of the tank with water.

To avoid injury to sensitive crops, spray equipment used for **Sharda Imazethapyr 2** applications must be drained and thoroughly cleaned with water before being used to apply other products.

When **Sharda Imazethapyr 2** is used in combination with another herbicide, refer to the respective label for rates, methods of application, proper timing, weeds controlled, restrictions and precautions. Always use in accordance with the more restrictive label restrictions and precautions. Do not exceed label dosages. **Sharda Imazethapyr 2** cannot be mixed with any product containing a label prohibiting such mixtures.

#### SPRAYING INSTRUCTIONS

DO NOT apply when wind velocity is greater than 10 mph, or when spray may be carried to sensitive crops. Sensitive crops include, but are not limited to, leafy vegetables and sugar beets.

#### GROUND APPLICATIONS

Uniformly apply with properly calibrated ground equipment in 10 or more gals. of water per acre. Apply with a spray pressure of 20 to 40 psi.

To ensure thorough coverage, use a minimum of 20 gals. of water per acre when applying **Sharda Imazethapyr 2** to minimum or no-till crops. Use higher gallonage for fields with dense vegetation or heavy crop residues. Adjust the boom height to ensure proper coverage of weed foliage (according to the manufacturer's recommendation). Use only flat-fan nozzle tips for post-emergence applications.

Avoid overlaps when spraying.

#### Sharda Imazethapyr 2 APPLICATIONS WITH A LOW-VOLUME SPRAYER

**Sharda Imazethapyr 2** may be applied to soybeans with a low-volume (Spra-Coupe® type) sprayer. When applying **Sharda Imazethapyr 2** with a low-volume sprayer, spray the weeds before they reach the maximum size listed in this label. Adequate control of weeds is dependent upon good spray coverage of the weeds. The sprayer must be calibrated to deliver the specified spray volume and pressure to ensure adequate spray coverage of the weeds.

When applying **Sharda Imazethapyr 2** with a low-volume sprayer, apply a minimum of 10 gals. per acre of spray solution with a nozzle pressure between 40 – 60 psi for optimum coverage. When spraying combinations including Banvel® or dicamba-containing products on CLEARFIELD® corn, do not exceed 40 psi sprayer pressure.

#### AERIAL APPLICATIONS

**Sharda Imazethapyr 2** herbicide may be applied by air to crops listed in this label unless otherwise noted.

Uniformly apply with properly calibrated aerial equipment in 5 or more gals. of water per acre. When applied POST-EMERGENCE, the addition of a non-ionic surfactant AND fertilizer solution are required for optimum weed control. Apply a non-ionic surfactant at the rate of 1 quart per 100 gals. of spray solution OR a crop oil concentrate at the rate of 1.25 gals. per 100 gals. of spray solution AND a liquid fertilizer at the rate of 1.25 gals. per 100 gals. of spray solution. (See instructions under **APPLICATION INFORMATION – POST-EMERGENCE**).

#### SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determines the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.

1. The distance of the outermost nozzles on the boom must not exceed 75% of the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the airstream and never be pointed downwards more than 45 degrees.

Where states have more stringent regulations, they must be observed.

The applicator must be familiar with and take into account the information covered in the following Aerial Drift Reduction Advisory Information:

[This section is advisory in nature and does not supersede the mandatory label requirements.]

## IMPORTANCE OF DROPLET SIZE

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see **Wind, Temperature and Humidity**, and **Temperature Inversion** sections).

## CONTROLLING DROPLET SIZE

- **Volume** – Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** – Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- **Number of nozzles** – Use the minimum number of nozzles that provide uniform coverage.
- **Nozzle Orientation** – Orienting nozzles so that the spray is released backwards, parallel to the airstream will produce larger droplets than other orientations. Significant deflection from the horizontal will reduce droplet size and increase drift potential.
- **Nozzle Type** – Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce larger droplets than other nozzle types.

## BOOM LENGTH

For some use patterns, reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.

## APPLICATION HEIGHT

Applications must not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

## SWATH ADJUSTMENT

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase, with increasing drift potential (higher wind, smaller drops, etc.).

## WIND

Drift potential is lowest between wind speeds of 2 – 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. **NOTE:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect drift.

## TEMPERATURE AND HUMIDITY

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

## TEMPERATURE INVERSIONS

Applications must not occur during a temperature inversion, because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small-suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a connected cloud (under low wind conditions) indicates an inversion, while smoke that moves upwards and rapidly dissipates indicates good vertical air mixing.

## SENSITIVE AREAS

The pesticide must only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

## APPLICATION INFORMATION

### POST-EMERGENCE

**Sharda Imazethapyr 2** is effective in controlling weeds in conservation tillage as well as in conventional production systems. Apply **Sharda Imazethapyr 2** herbicide as an early post-emergence treatment when weeds are actively growing and before they exceed a height of 3 inches, unless otherwise indicated. Delay application until the majority of the weeds are at the specified growth stage. Base application timing on weed size and not crop growth stage. Apply **Sharda Imazethapyr 2** to crops and weeds that are actively growing.

An adjuvant (either a crop oil concentrate or a surfactant) and a nitrogen-based fertilizer must be added to the spray solution for optimum weed control activity. See the **ADJUVANTS** section under **MIXING INSTRUCTIONS** for specific instructions.

When **Sharda Imazethapyr 2** is applied post-emergence, absorption will occur through both the roots and foliage. Susceptible weeds stop growing and either die or are not competitive with the crop. **Sharda Imazethapyr 2** not only controls many existing broadleaf and grass weeds when applied post-emergence, it also provides control of susceptible weeds that may emerge after application.

For maximum weed control, cultivate 7 – 10 days following a post-emergence **Sharda Imazethapyr 2** application. This timely cultivation will enhance residual weed control, especially under dry conditions.

Apply **Sharda Imazethapyr 2** a minimum of one hour before rainfall or overhead irrigation.

Unusually cool temperatures (50°F or less) reduce photosynthesis and transpiration and thus reduce uptake, translocation, and efficacy of **Sharda Imazethapyr 2** herbicide in weeds. Delaying a **Sharda Imazethapyr 2** application for 48 hours from the time the temperature increases above 50°F, if air temperature has been below 50°F for 10 hours or more hours, will improve weed control and reduce crop response.

### NO-TILL/MINIMUM TILLAGE AND DOUBLE CROP SOYBEANS

**Sharda Imazethapyr 2** controls existing weeds and provides residual control of most weeds when applied early post-emergence to CLEARFIELD® corn or soybeans in no-till or minimum tillage and double crop soybean production systems. The application may be applied either before or after emergence of the crop. (Refer to the **WEEDS CONTROLLED POST-EMERGENCE** chart for weeds controlled and recommended weed size).

If **Sharda Imazethapyr 2** is applied prior to emergence of the crop, and weeds exceed the specified size, add a contact herbicide to **Sharda Imazethapyr 2** to enhance control. (See instructions for **NO-TILL OR REDUCED TILLAGE** under the **PRE-EMERGENCE** section of this label).

### SOIL APPLICATIONS

**Sharda Imazethapyr 2** provides effective weed control in conservation tillage systems designed to meet conservation compliance requirements. **Sharda Imazethapyr 2** can be applied as an early pre-plant, pre-plant incorporated, or pre-emergence treatment in soybeans. It can also be applied in conventional, minimum tillage and no-till production systems. The application method of choice will depend on the anticipated weed spectrum and the preference of the applicator.

Adequate soil moisture is required for optimum activity. Rainfall or overhead irrigation is necessary to move **Sharda Imazethapyr 2** into the weed germination zone. The amount of rainfall or irrigation required following application depends on existing soil moisture, soil texture and organic matter content. Sufficient water to moisten the soil to a depth of 2 inches is normally adequate. If adequate moisture is not received within 7 days after treatment, cultivate to control escaped weeds. When adequate moisture is received after dry conditions, **Sharda Imazethapyr 2** will provide residual control of susceptible germinating weeds; activity on established weeds will depend on the weed species and the location of its root system in the soil.

**Sharda Imazethapyr 2** controls weeds by uptake by weed roots and translocation to the growing points where it stops weed growth. Susceptible weeds may emerge, growth will stop and the weeds will either die or are not competitive with the crop.

### SOIL APPLICATIONS WITH LIQUID FERTILIZERS

**Sharda Imazethapyr 2** can be applied to the soil in liquid fertilizers, alone or in combination with PROWL® 3.3 EC, or OUTLOOK® to soybeans or CLEARFIELD® corn. Mixtures including trifluralin may be applied to soybeans only. Follow all **Sharda Imazethapyr 2** label instructions regarding incorporation, timing of application, special instructions, restrictions and precautions. Apply treatments in 20 or more gals. of liquid fertilizer per acre with ground equipment. Always test the compatibility of **Sharda Imazethapyr 2** with the liquid fertilizer before mixing in the spray tank.

### PRE-EMERGENCE (SURFACE APPLICATIONS)

**Sharda Imazethapyr 2** offers flexibility in that it can be utilized in all production tillage systems. It can be applied prior to planting (up to 45 days prior to planting); at planting in conventional, reduced tillage or no-till production systems; or after planting and before crop emergence.

### NO-TILL OR REDUCED TILLAGE

Apply **Sharda Imazethapyr 2** treatments before, during or after planting. To ensure thorough coverage, use a minimum of 20 gals. of water per acre. Use higher gallonage for fields with dense vegetation or heavy crop residues.

For maximum grass control, tank-mix **Sharda Imazethapyr 2** with PROWL® 3.3 EC, or OUTLOOK®. To kill existing vegetation, Gramoxone® Extra, Starfire®, Roundup® Ultra or 2,4-D (early pre-plant – see 2,4-D label for limitations) may be tank-mixed with **Sharda Imazethapyr 2** alone or in combination with PROWL® 3.3 EC, or OUTLOOK®. Delete Gramoxone® Extra, Starfire®, Roundup® Ultra or 2,4-D from the tank-mixture if vegetation is absent at the time of application.

**NOTE:** Adjust planters to ensure adequate soil coverage of seed.

### PRE-PLANT INCORPORATED APPLICATIONS

**Sharda Imazethapyr 2** may be applied following land preparation and must be thoroughly incorporated to a depth of 1 to 2 inches. If crops are planted on beds, apply and incorporate after bed formation using PTO-driven equipment or a rolling cultivator. Maintain **Sharda Imazethapyr 2** in the surface 1 to 2 inches of the finished beds. Make application up to 45 days prior to planting soybeans.

When **Sharda Imazethapyr 2** is soil applied for control of nutsedge in peanuts, incorporate with two passes of the incorporation implement. Make the second pass at an offset angle to the first pass to minimize the potential for streaking.

## FEDERAL CONSERVATION RESERVE PROGRAM AND AGRICULTURAL RESERVE PROGRAM LAND SEEDED TO FORAGE LEGUME SPECIES AND PERENNIAL FORAGE GRASSES

### DIRECTIONS FOR USE

**Sharda Imazethapyr 2** is effective in controlling many annual broadleaf and grass weeds in CONSERVATION RESERVE PROGRAMS and AGRICULTURAL RESERVE PROGRAMS (SET-ASIDE) land seeded to forage legume or grass crops. A **Sharda Imazethapyr 2** application may result in temporary reduction in growth of legumes and grasses. Plants overcome temporary effects and become well established due to reduced weed competition.

DO NOT feed or graze legumes or grasses following a **Sharda Imazethapyr 2** application. DO NOT cut treated legumes or grasses for hay or forage. DO NOT harvest legume seed for livestock feed. DO NOT use seed from treated legumes for sprouting. Apply only one application of **Sharda Imazethapyr 2** per year.

### COVER CROPS\*

#### LEGUMES:

Apply to forage legumes including alfalfa, Birdsfoot trefoil, clover, crown vetch, kudzu, lespedeza, lupin, milk vetch, sainfoin, trefoil, velvet bean, and vetch.

#### GRASSES:

**Sharda Imazethapyr 2** can be applied to the following grasses: big bluestem, little bluestem, switchgrass, Russian wild rye, intermediate wheatgrass, crested wheatgrass, western wheatgrass, tall wheatgrass, smooth brome, canarygrass, or orchardgrass.

**\*NOTE:** Cover crops may be planted into fields previously treated with **Sharda Imazethapyr 2** for weed control in soybeans. In this case, do not make a **Sharda Imazethapyr 2** application to the cover crop until the following spring.

### POST-EMERGENCE APPLICATIONS OF SHARDA IMAZETHAPYR 2 TO CRP COVER CROPS

**APPLICATION RATE:** Apply **Sharda Imazethapyr 2** at 4 fl. oz./Acre.

**APPLICATION TIMING:** **Sharda Imazethapyr 2** may be applied post-emergence to seedling legumes (with at least 3 fully expanded trifoliolate leaves) or to established legumes. On established legumes, **Sharda Imazethapyr 2** may be applied in the fall or in the spring before weeds exceed the maximum specified size for control.

DO NOT apply to seeded grasses until they have 4 leaves.

Refer to the **WEEDS CONTROLLED** under the **SOYBEAN** section of this label.

**ALFALFA AND CLOVER**

**DIRECTIONS FOR USE**

**USE RATE:** 3 to 6 oz. per Acre

Apply **Sharda Imazethapyr 2** at a broadcast rate of 3 to 6 oz./Acre post-emergence only seedling or established alfalfa or clover grown for forage, hay, or seed.

A maximum of 0.094 lb. a.e./A imazethapyr (6 oz. of **Sharda Imazethapyr 2**) per acre per year may be applied to alfalfa or clover.

DO NOT apply **Sharda Imazethapyr 2** at more than 4 oz./Acre in North Dakota or Minnesota north of highway #210.

Do not apply more than 4 oz. of product to alfalfa or clover during the last year of the stand.

**SEEDLING ALFALFA/CLOVER**

**Sharda Imazethapyr 2** must be applied post-emergence to seedling alfalfa or clover. Apply **Sharda Imazethapyr 2** when the seedling alfalfa or clover is in the second (2nd) trifoliate stage or larger and when the majority of the weeds are 1 to 3 inches. For low growing weeds (such as mustards) apply **Sharda Imazethapyr 2** before the rosette exceeds 3 inches. When **Sharda Imazethapyr 2** is applied to seedling alfalfa or clover, there may be a temporary reduction in growth.

**ESTABLISHED ALFALFA/CLOVER**

**Sharda Imazethapyr 2** can be applied to established alfalfa or clover in the fall, in the spring to dormant, or semi-dormant alfalfa or clover (less than 3 inches of re-growth), or between cuttings. Any application must be made before significant alfalfa or clover growth or re-growth (3 inches) to allow **Sharda Imazethapyr 2** to reach the target weeds.

**Replanting:** If replanting is necessary in a field previously treated with **Sharda Imazethapyr 2**, do not plant alfalfa or clover for 4 months following a **Sharda Imazethapyr 2** application. Refer to the **ROTATIONAL CROP GUIDELINE** section on this label for plant-back interval of various crops.

**PRE-HARVEST INTERVAL**

Do not graze or harvest alfalfa or clover for 30 days following an application of **Sharda Imazethapyr 2** to alfalfa or clover.

**WEEDS CONTROLLED**

When applied as directed, **Sharda Imazethapyr 2** will control or reduce competition from the weeds listed below. Refer to the **MIXING INSTRUCTIONS** section for specifications when weeds are at the maximum recommended growth stage, or are under stress.

**NOTE:** R = Reduced Competition

Weeds noted with an "R" will be suppressed by **Sharda Imazethapyr 2**. For best results, apply before the weeds exceed the size indicated in the below table.

**BROADLEAF WEEDS CONTROLLED**

Broadleaf Weeds	SHARDA IMAZETHAPYR 2 APPLICATION RATE		
	3 Oz./A	4 Oz./A	6 Oz./A
	Maximum Weed Size (Inches)		
Artichoke, Jerusalem	R	6	8
Beets, wild	4	5	6
Bedstraw, catchweed	–	3	4
Buckwheat, wild	–	3	4
Chickweed, Common	R	3	4
Mouseear	R	3	3
Cocklebur, common	R	8	8
Cress, hoary	–	R	R
Dandelion	–	R	R(5)
Dock, broadleaf (seedling)	–	–	R(6)
curly (seedling)	–	–	R(6)
Dodder	–	–	R*

Fiddleneck	-	-	R(4)
Filaree, Redstem	-	R	3
Whitestem	-	R	3
Fleabane, rough	-	3	3
Flixweed	R	3	4
Goosefoot, nettleleaf	R	3	4
Groundsel, common	-	-	R(3)
Henbit	-	R	3
Jimsonweed	-	3	4
Knotweed, prostrate	-	R	3
Kochia (non-ALS resistant)	R	3	3
Lambsquarters, common (1 – 2 leaves)	-	R	R(2)
Lettuce, miner's	-	3	4
Mallow, Common	-	3	3
Little	-	3	3
Marshelder	-	4	6
Morningglory, Entireleaf	-	R	3
Ivyleaf	-	R	3
Pitted	-	R	3
Smallflower	R	3	4
Tall	-	R	3
Mustards, Tumble	3	3	4
Wild	3	3	4
Black	3	3	4
Nettle, burning	-	3	4
Nightshade, Black	3	3	4
Eastern black	3	3	4
Hairy	3	3	4
Oxtongue, bristly	-	-	R(3)
Pennycress, field	3	3	4
Pepperweed, field	3	3	4
Virginia	R	3	3
Pigweed, Redroot	4	6	8
Smooth	4	6	8
Spiny	-	6	8
Radish, wild	-	R	4
Ragweed, Common	-	2	3
Giant	-	3	3
Redmaids	-	3	4
Rocket, London	3	4	6
Yellow	R	3	4
Rock purslane, desert	-	-	3
Shepherd's purse	3	3	4
Smartweed, Ladysthumb	R	3	4
Pennsylvania	R	3	4
swamp (seedling)	-	3	4

Spurge			
prostrate	–	R	3
spotted	–	R	3
petty	–	3	4
Spurry, corn	–	3	3
Sunflower, common	R	4	6
Swinecress	–	3	3
Tansymustard,			
green	3	3	4
pinnate	3	3	4
Thistle, Russian	R	3	3
Velvetleaf	R	3	4
Wartcress, creeping	–	2	3
Watercress	–	3	3
Willowweed, panicle	–	3	3

\*For best results in suppressing dodder (*Cuscuta* spp.), apply **Sharda Imazethapyr 2** with crop oil concentrate or methylated seed oil after dodder has emerged but prior to or soon after attachment.

#### GRASSES AND SEDGES CONTROLLED

Weeds Controlled*	SHARDA IMAZETHAPYR 2 APPLICATION RATE	
	4 Oz./A	6 Oz./A
	Maximum Weed Size (Inches)	
Barnyardgrass	R	3
Bluegrass, annual	–	R(3)
Canarygrass, littleseed	R	R(3)
Cereals, volunteer		
barley	R	R(4)
oats	R	R(4)
wheat	R	R(4)
Crabgrass,		
large	R	3
smooth	R	3
Cupgrass, woolly**	3	3
Foxtail,		
Giant	6	6
Green	3	4
Yellow	3	3
Johnsongrass,		
seedling	8	8
rhizome	R	R(6 – 12)
Millet, wild proso	R	3
Nutsedge,		
yellow	R	R(6)
purple	R	R(6)
Oats, wild	R	R(4)
Rice, red	3	4
Shattercane	8	10
Signalgrass, broadleaf	R	8
Quackgrass***	–	R(7)

\***Sharda Imazethapyr 2** is active against many grass species. However, when heavy grass pressure is anticipated, use **Sharda Imazethapyr 2** in a sequential application with a registered post-emergence grass herbicide such as POAST® PLUS for optimum control.

\*\***Sharda Imazethapyr 2** controls emerged woolly cupgrass only.

\*\*\*Quackgrass will be suppressed only when actively growing and before it exceeds 7 inches in height.

#### TANK-MIX COMBINATIONS WITH OTHER HERBICIDES

To control weeds not listed on the **Sharda Imazethapyr 2** label, herbicides such as Buctril®, 2,4-DB, POAST®, POAST® PLUS, Prism® or Select® may be tank-mixed with **Sharda Imazethapyr 2**. When **Sharda Imazethapyr 2** is used in combination with another herbicide,

refer to the respective label for rates, methods of application, proper timing, weeds controlled, restrictions and precautions. Always use in accordance with the more restrictive label restrictions and precautions. Do not exceed label dosages.

#### APPLICATION INFORMATION

**Sharda Imazethapyr 2** is effective in controlling a broad spectrum of broadleaf and grass weeds. Alfalfa and clover are tolerant to post-emergence applications of **Sharda Imazethapyr 2** after the second trifoliate leaf has expanded. Minor height reduction or slight leaf yellowing may occur soon after application.

Apply **Sharda Imazethapyr 2** as an early post-emergence treatment when the weeds are actively growing. Weeds are generally easier to control before they exceed 3 inches in height. Weeds under stress are less susceptible to control in cold or drought stress conditions.

If applied to alfalfa or clover under cool conditions (40°F or less), temporary stunting and yellowing of the crop may occur.

#### Stand Establishment

Apply **Sharda Imazethapyr 2** after the alfalfa or clover has 2 fully expanded trifoliate leaves. Weeds must not exceed the size listed in the **WEEDS CONTROLLED** tables. **Sharda Imazethapyr 2** may be applied to summer, fall or spring seeded alfalfa or clover.

#### Inter-seeded Oats

Oats inter-seeded with alfalfa will reduce soil erosion and allow the alfalfa or clover to establish. Oats, however can compete with the alfalfa or clover. An application of **Sharda Imazethapyr 2** will kill or significantly reduce the growth of the oats and allow the alfalfa or clover to establish with minimal erosion or competition from the oats. Apply **Sharda Imazethapyr 2** to the oats when they have 3 to 4 leaves.

#### ESTABLISHED ALFALFA / CLOVER – DORMANT

Apply **Sharda Imazethapyr 2** to dormant alfalfa or clover in the fall following the last cutting. Apply **Sharda Imazethapyr 2** in the spring to dormant alfalfa or clover, or as alfalfa or clover breaks dormancy. Apply spring treatments prior to excessive alfalfa or clover growth (less than 3 inches), to reduce spray interference.

#### ESTABLISHED ALFALFA / CLOVER – GROWING

For weed control during the season, apply **Sharda Imazethapyr 2** following alfalfa or clover cutting. Remove the hay from the field and apply **Sharda Imazethapyr 2** prior to excessive alfalfa or clover regrowth.

#### Perennial Grass Suppression

If perennial grasses (such as orchardgrass, fescues, bromes or timothy) are present in an alfalfa or clover stand, **Sharda Imazethapyr 2** will reduce the growth and competitive effect of the grass.

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**NAVY, GREAT NORTHERN, RED KIDNEY, BLACK TURTLE, CRANBERRY, PINTO, LIMA, AND SMALL WHITE TYPE DRY BEANS, ADZUKI, LENTILS, WHITE LUPINS, CHICKPEAS (GARBANZO BEANS), DRY EDIBLE PEAS, ENGLISH AND SOUTHERN PEAS**

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**DIRECTIONS FOR USE** in the states east of and including: North Dakota, South Dakota, Wyoming, Colorado, and New Mexico (except the states east of and including: Vermont, Massachusetts, and Connecticut). Refer to map for geographical use area.



Use only non-ionic surfactants as a spray additive for post-emergence applications. DO NOT use crop oils, methylated seed oils, or petroleum oils.

DO NOT make more than one application of **Sharda Imazethapyr 2** per year.

Apply a maximum of 0.063 lb. a.e./Acre of imazethapyr (4 oz./A of **Sharda Imazethapyr 2**) per year to peas and beans in this region.

Allow at least 30 days between application and harvest of succulent lima beans, English peas, and Southern peas. Allow at least 60 days between application and harvest of dry edible peas, lentils, chickpeas, and other dry bean or pea types listed on this label.

DO NOT APPLY **SHARDA IMAZETHAPYR 2** POST-EMERGENCE BEFORE CROP HAS AT LEAST ONE TRIFOLIATE LEAF OR PEAS ARE AT LEAST THREE INCHES IN HEIGHT OR CROP INJURY (REDUCED CROP GROWTH AND/OR DELAYED MATURITY) MAY RESULT. DO NOT APPLY **SHARDA IMAZETHAPYR 2** POST-EMERGENCE TO LIMA BEANS, LENTILS, WHITE LUPINS, OR CHICKPEAS.

DO NOT apply to Domino variety black turtle beans.

DO NOT apply this product through any type of irrigation system.

Pinto varieties UI-1 1 1 and Olathe are more sensitive to **Sharda Imazethapyr 2** than other varieties.

#### **APPLICATION INSTRUCTIONS**

##### **NAVY, GREAT NORTHERN, RED KIDNEY, BLACK TURTLE, CRANBERRY, PINTO, AND SMALL WHITE DRY BEANS, ADZUKI, DRY EDIBLE PEAS, ENGLISH AND SOUTHERN PEAS**

In Michigan or the Delaware, Maryland, and Virginia (Delmarva) peninsula: DO NOT apply more than 2 oz. of **Sharda Imazethapyr 2** to sands or loamy sand soils.

In North Dakota or north of Highway 210 in Minnesota: DO NOT apply more than 2 oz. of **Sharda Imazethapyr 2**.

#### **Pre-Plant Incorporated Applications:**

Apply **Sharda Imazethapyr 2** at the broadcast rate of up to 3 oz./Acre to dry beans (navy, great northern, red kidney, black turtle, cranberry, pinto and small white type dry beans, and adzuki), dry edible peas, and English peas, or up to 4 oz./Acre for southern peas only, within 1 week before planting. Applied pre-plant incorporated, **Sharda Imazethapyr 2** may be tank-mixed with a registered grass herbicide.

#### **Pre-Emergence Applications:**

Apply **Sharda Imazethapyr 2** at the broadcast rate of up to 3 oz./Acre to dry beans, dry edible peas and English peas, or up to 4 oz./Acre for southern peas only, immediately after, or up to 3 days after planting. **Sharda Imazethapyr 2** may be applied in a tank-mix with a registered grass herbicide or applied pre-emergence following a pre-plant incorporated application of a registered grass herbicide.

#### **Early Post-Emergence Applications:**

Apply **Sharda Imazethapyr 2** at the broadcast rate of up to 3 oz./Acre to dry beans, dry edible peas, and English peas, or up to 4 oz./Acre for southern peas only. Apply to dry beans with at least one fully expanded trifoliate leaf. Apply to dry edible peas, English peas, and southern peas at least 3 inches in height but prior to 5 nodes and before flowering. The use of trifluralin prior to **Sharda Imazethapyr 2** application may increase the likelihood and severity of crop injury. A non-ionic surfactant must be added to the spray solution. The non-ionic surfactant must contain at least 80% active ingredient and should be used at a rate of 2 pts. per 100 gals. of spray mixture.

Basagran® may be tank-mixed with **Sharda Imazethapyr 2** to control weeds not listed on the **Sharda Imazethapyr 2** label. Addition of Basagran may also cause antagonism, thereby reducing control of grass weeds. Nitrogen-based fertilizer may be included as a spray additive ONLY when **Sharda Imazethapyr 2** is tank-mixed with Basagran. Refer to the Basagran label for proper application rates and restrictions. Always use in accordance with the more restrictive label restrictions and precautions.

#### **LIMA BEANS, CHICKPEAS (GARBANZOS), LENTILS, AND WHITE LUPINS**

DO NOT apply **Sharda Imazethapyr 2** to white lupins grown on sand or loamy sand soils.

In Michigan or the Delaware, Maryland, and Virginia (Delmarva) peninsula: DO NOT apply more than 2 oz. of **Sharda Imazethapyr 2** to sands or loamy sand soils.

In North Dakota or north of Highway 210 in Minnesota: DO NOT apply more than 2 oz. of **Sharda Imazethapyr 2**.

#### **Pre-Plant Incorporated Applications:**

Apply **Sharda Imazethapyr 2** at the broadcast rate of up to 3 oz./Acre within 1 week before planting. Applied pre-plant incorporated, **Sharda Imazethapyr 2** may be tank-mixed with a registered grass herbicide.

#### **Pre-Emergence Applications:**

Apply **Sharda Imazethapyr 2** at the broadcast rate of up to 3 oz./Acre immediately after or up to 3 days after planting. **Sharda Imazethapyr 2** may be applied in a tank-mix with a registered grass herbicide or applied pre-emergence following a pre-plant incorporated application of a registered grass herbicide.

**WEEDS CONTROLLED**

**Sharda Imazethapyr 2** applied at the broadcast rate of 2 oz./Acre pre-plant incorporated, pre-emergence, or early post-emergence will control:

Mustard, wild
Nightshade, black*
Nightshade, Eastern black*
*suppression only

**Sharda Imazethapyr 2** applied at the broadcast rate of 3 oz./Acre pre-plant incorporated, pre-emergence, or early post-emergence will control:

Mustard, wild
Nightshade, black
Nightshade, Eastern black
Nightshade, hairy
Pigweed, redroot

Post-emergence applications of 3 oz./Acre must be made to weeds less than 2 inches tall for best results.

When applied as directed at the broadcast rate of 4 oz./Acre (for southern peas only), **Sharda Imazethapyr 2** will control or reduce competition from the weeds listed below:

**NOTE:** C = Control, R = Reduced Competition

The number under **Maximum Leaf Stage** indicates the MAXIMUM number of leaves at which weeds must be sprayed post-emergence.

**BROADLEAF WEEDS CONTROLLED**

Broadleaf Weeds	SOIL APPLIED	POST-EMERGENCE	
		Maximum Leaf Stage	Size (inches)
Anoda, spurred	C	2	1 – 2
Artichoke, Jerusalem	–	8	6 – 10
Bristly starbur	–	2	1 – 2
Buffalobur	C*	–	–
Carpetweed	C	–	–
Cocklebur, common	C*	8	1 – 8
Galinsoga	C		
Jimsonweed	C**	4	1 – 3
Kochia (non-ALS resistant)	C	4	1 – 3
Lambsquarters, common	C**	R	1 – 2
Mallow, Venice	R	2	1 – 2
Morningglory, entireleaf	R	2	1 – 2
ivyleaf	R	2	1 – 2
pitted	R	2	1 – 2
smallflower	C	4	1 – 3
tall	R	2	1 – 2
Mustard sp.	C	4	1 – 3
Nightshade, black	C	4	1 – 3
Eastern black	C	4	1 – 3
hairy	C	4	1 – 3

Pigweed,			
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redroot	C	4	1 – 4
smooth	C	4	1 – 4
spiny	C	4	1 – 4
Poinsettia, wild	C	–	–
Puncturevine	C	–	–
Purslane, common	C	–	–
Pusley, Florida	C	–	–
Ragweed, common	R	4	1 – 3
giant	R	4	1 – 3
Sage, barnyard	–	R	1 – 3
Sida, prickly	C**	–	–
Smartweed, Ladysthumb	C	4	1 – 3
Pennsylvania	C	4	1 – 3
Spurge, prostrate	C	4	1 – 3
spotted	C	4	1 – 3
Sunflower, common	C**	4	1 – 3
Thistle, Canada	–	R	1 – 3
Velvetleaf	C**	4	1 – 3

\*Use soil applications for light to moderate infestations only. Must be pre-plant incorporated for best results.

\*\*When soil applied, common lambsquarters, jimsonweed, prickly sida, velvetleaf, and common sunflower are more consistently controlled by pre-plant incorporated treatments.

#### GRASS WEEDS CONTROLLED\*

Grass Weeds	SOIL APPLIED	POST-EMERGENCE	
		Maximum Leaf Stage	Size (inches)
Barnyardgrass	R	3	1 – 3
Crabgrass, large	R	3	1 – 3
smooth	R	3	1 – 3
Cupgrass, woolly	–	3**	1 – 3
Foxtail, giant	C	6	1 – 6
green	C	3	1 – 3
robust purple	C	3	1 – 3
robust white	C	3	1 – 3
yellow	C	3	1 – 3
Goosegrass	R	–	–
Johnsongrass, seedling	C	6	1 – 8
rhizome	–	R	1 – 8
Panicum, fall	R	–	–
Texas	R	–	–
Red rice	–	3	1 – 3
Shattercane	R	6	1 – 8
Signalgrass, broadleaf	R	4	1 – 8

\*When soil applied to grasses, more consistent control can be obtained from pre-plant incorporated treatments.

\*\*Sharda Imazethapyr 2 controls emerged woolly cupgrass only.

#### SEDGES CONTROLLED

Weeds Controlled	SOIL APPLIED	POST-EMERGENCE	
		Maximum Leaf Stage	Size (inches)
Nutsedge, purple yellow	R	R	1 – 3
	R	R	–

DO NOT count cotyledon leaves when determining weed stage of growth.

Refer to the **RESTRICTIONS** section for additional instructions.

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**RED KIDNEY BEANS**

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**DIRECTIONS FOR USE** in the state of California.

Do not apply by aerial application.

**APPLICATION RATE AND TIMING**

**Post-Emergence Applications:**

Apply **Sharda Imazethapyr 2** at the rate of 3 oz./Acre. A non-ionic surfactant must be added to the spray solution. The non-ionic surfactant must contain at least 80% active ingredient and used at a rate of 2 pts. per 100 gals. of spray mixture.

Apply **Sharda Imazethapyr 2** herbicide when weeds are actively growing and red kidney beans have at least 1 fully expanded trifoliolate leaf. DO NOT apply **Sharda Imazethapyr 2** post-emergence when the crop and weeds have been subjected to stress conditions such as temperature or moisture extremes.

For maximum weed control, cultivate 7 – 10 days following a post-emergence **Sharda Imazethapyr 2** application. This timely cultivation will enhance residual weed control, especially under dry conditions.

DO NOT MAKE MORE THAN ONE APPLICATION OF **SHARDA IMAZETHAPYR 2** PER YEAR.

A maximum of 0.047 lb. a.e./A of imazethapyr (3 oz./A of **Sharda Imazethapyr 2**) per year may be applied to Red Kidney Beans.

DO NOT APPLY **SHARDA IMAZETHAPYR 2** POST-EMERGENCE BEFORE CROP HAS AT LEAST ONE TRUE LEAF OR CROP INJURY (REDUCED CROP GROWTH AND/OR DELAYED MATURITY) MAY RESULT.

**WEEDS CONTROLLED**

When applied as directed, **Sharda Imazethapyr 2** will control or reduce competition from the weeds listed below. Refer to the **MIXING INSTRUCTIONS** section for instructions when weeds are at the maximum specified growth stage, or are under stress. (The number under **Maximum Leaf Stage** indicates the MAXIMUM number of leaves at which weeds should be sprayed post-emergence.)

Weeds Controlled	POST-EMERGENCE	
	Maximum Leaf Stage	Size (inches)
Kochia (non-ALS resistant)	4	1 – 3
Mustard, wild	4	1 – 3
Nightshade, black Eastern black hairy	4	1 – 3
	4	1 – 3
	4	1 – 2
Pigweed, redroot	4	1 – 3

Allow at least 60 days between application and harvest.

Refer to the **RESTRICTIONS** section for additional instructions.

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**SNAP BEANS**

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**DIRECTIONS FOR USE** in the states of Alabama, Florida, Georgia, Illinois, Minnesota, Michigan, New Jersey, North Carolina, and Wisconsin.

Do not apply by aerial application.

Do not apply **Sharda Imazethapyr 2** after July 31<sup>st</sup> (June 20<sup>th</sup> in New Jersey).

DO NOT MAKE MORE THAN ONE APPLICATION OF **SHARDA IMAZETHAPYR 2** PER YEAR.

#### APPLICATION INSTRUCTIONS

##### Pre-Plant Incorporated Applications:

Apply **Sharda Imazethapyr 2** at 1.5 oz./Acre within 1 week of planting. Applied pre-plant incorporated, **Sharda Imazethapyr 2** may be tank-mixed with a registered grass herbicide.

##### Pre-Emergence Applications:

Apply **Sharda Imazethapyr 2** at the broadcast rate of 1.5 oz./Acre immediately after, or up to 1 day after planting. **Sharda Imazethapyr 2** may be applied in a tank-mix with a registered grass herbicide or applied pre-emergence following a pre-plant incorporated application of a registered grass herbicide.

#### WEEDS SUPPRESSED

**Sharda Imazethapyr 2** applied at the broadcast rate of 1.5 oz./A pre-plant incorporated or pre-emergence will suppress or reduce competition of the following weeds:

Common Purslane Eastern Black Nightshade Redroot Pigweed Wild Mustard
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Allow at least 30 days between application and harvest.

A maximum of 0.023 lb. a.e./A of imazethapyr (1.5 oz./A of **Sharda Imazethapyr 2**) per year may be applied to Snap Beans.

Refer to the **RESTRICTIONS** section for additional instructions.

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#### SNAP BEANS

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**DIRECTIONS FOR USE** in the states of Arkansas, Missouri, North Carolina, Oklahoma, Texas (counties of Bailey, Castro, Lamb and Parmer only), and New Mexico (counties of Curry and Roosevelt only).

Do not apply by aerial application.

Do not apply **Sharda Imazethapyr 2** after July 31<sup>st</sup>.

DO NOT MAKE MORE THAN ONE APPLICATION OF **SHARDA IMAZETHAPYR 2** PER YEAR.

#### APPLICATION INSTRUCTIONS

##### Post-Emergence Applications:

Apply **Sharda Imazethapyr 2** at 1.5 oz./Acre in a tank-mix combination with Basagran®. A non-ionic surfactant must be added to the spray solution. The non-ionic surfactant must contain at least 80% active ingredient and used at a rate of 2 pts. per 100 gals. of spray mixture.

Refer to the Basagran® label for proper application rates and restrictions.

DO NOT APPLY **SHARDA IMAZETHAPYR 2** POST-EMERGENCE BEFORE CROP HAS AT LEAST ONE TRUE LEAF OR CROP INJURY (REDUCED CROP GROWTH AND/OR DELAYED MATURITY) MAY RESULT.

#### WEEDS SUPPRESSED

**Sharda Imazethapyr 2** applied at the broadcast rate of 1.5 oz./A post-emergence will suppress or reduce competition of the following weeds:

Eastern Black Nightshade Redroot Pigweed
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Allow at least 30 days between application and harvest.

A maximum of 0.023 lb. a.e./A of imazethapyr (1.5 oz./A of **Sharda Imazethapyr 2**) per year may be applied to Snap Beans.

Refer to the **RESTRICTIONS** section for additional instructions.

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**SUCCULENT PEAS, DRY EDIBLE PEAS, LENTILS, CHICKPEAS, AND LIMA BEANS**

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**DIRECTIONS FOR USE** in the states of Idaho, Montana, Nevada, Oregon, Utah, and Washington.

**APPLICATION RATE AND TIMING**

**Pre-Plant Applications for No-Till and Minimum Tillage Systems Only:**

Apply **Sharda Imazethapyr 2** at a broadcast rate of 3 oz./Acre within 30 days before planting. If incorporated, DO NOT incorporate deeper than 3 inches.

In no-till and minimum tillage systems, apply **Sharda Imazethapyr 2** in the fall prior to spring planting. Rainfall is required for incorporation and activation. Unpredictable weed control can be expected since factors such as length of time between application and planting as well as uncontrollable weather factors will determine herbicide activity and longevity. Apply **Sharda Imazethapyr 2** in the fall when soil temperature at the 4-inch depth is less than 55°F and before the ground is frozen.

**Pre-Plant Incorporated Applications:**

Apply **Sharda Imazethapyr 2** at the broadcast rate of 3 oz./Acre within 1 week before planting. DO NOT incorporate deeper than 3 inches.

**Pre-Emergence Applications:**

Apply **Sharda Imazethapyr 2** at the broadcast rate of 3 oz./Acre after planting, but prior to crop emergence.

Tank mix **Sharda Imazethapyr 2** with Sencor® DF or Lexone® DF to assist in the control of lambsquarters or mayweed-chamomile (dogfennel). Refer to the Sencor or Lexone label for proper application rates and restrictions.

**Post-Emergence Applications (Dry Edible Peas Only):**

Apply **Sharda Imazethapyr 2** at 2 oz./Acre. A non-ionic surfactant must be added to the spray solution. The nonionic surfactant must contain at least 80% active ingredient and used at a rate of 2 pts. per 100 gals. of spray mixture.

Basagran® may be tank-mixed with **Sharda Imazethapyr 2** to control weeds not listed on the **Sharda Imazethapyr 2** label. Addition of Basagran® may also cause antagonism, thereby reducing control of grass weeds. Nitrogen-based fertilizer may be included as a spray additive only when **Sharda Imazethapyr 2** is tank-mixed with Basagran®. Use liquid fertilizer at 1.25 to 2.5 gals. per 100 gals. of spray solution or ammonium sulfate at the rate of 12 – 15 lbs./100 gals. of spray solution.

DO NOT APPLY **SHARDA IMAZETHAPYR 2** POST-EMERGENCE BEFORE CROP HAS AT LEAST ONE TRIFOLIATE LEAF OR PEAS ARE AT LEAST THREE INCHES IN HEIGHT OR CROP INJURY (REDUCED CROP GROWTH AND/OR DELAYED MATURITY) MAY RESULT. DO NOT APPLY **SHARDA IMAZETHAPYR 2** POST-EMERGENCE TO LIMA BEANS, LENTILS, OR CHICKPEAS.

DO NOT MAKE MORE THAN ONE APPLICATION OF **SHARDA IMAZETHAPYR 2** PER YEAR.

**WEEDS CONTROLLED**

**Sharda Imazethapyr 2** applied PPI and/or Pre-emergence at 3 oz./A will control:

Weeds Controlled	Pre-Plant Incorporated	Pre-Emergence
Buckwheat, wild	C	C
Kochia (non-ALS resistant)	C	C
Lambsquarters, common	C	–
Mustard, wild	C	C
Nightshade, black	C	C
Eastern black	C	C
Hairy	C	C
Pigweed, redroot	C	C
Shepherd's purse	C	C
Thistle, Russian	C	C

**NOTE:** C = Control

**Sharda Imazethapyr 2** applied post-emergence at the broadcast rate of 2 oz. will control:

Black nightshade*
Eastern black nightshade*
Hairy nightshade*
Wild mustard
*Suppression only

Allow at least 30 days between application and harvest for succulent peas and succulent lima beans.

Allow at least 60 days between application and harvest for dry edible peas, chickpeas, lentils, and dry lima beans.

A maximum of 0.047 lb. a.e./A of imazethapyr (3.0 oz./A of **Sharda Imazethapyr 2**) per year may be applied to Peas and Beans in this region.

Refer to the **RESTRICTIONS** section for additional instructions.

### CHICKPEAS

**DIRECTIONS FOR USE** in the states of Arizona and California.

#### APPLICATION RATE AND TIMING

##### Pre-Plant Incorporated Applications:

Apply **Sharda Imazethapyr 2** at the broadcast rate of up to 3 oz./Acre within 1 week before planting. Applied pre-plant incorporated, **Sharda Imazethapyr 2** may be tank-mixed with a registered grass herbicide.

##### Pre-Emergence Applications:

Apply **Sharda Imazethapyr 2** at the broadcast rate of up to 3 oz./Acre immediately after or up to 3 days after planting. **Sharda Imazethapyr 2** may be applied in a tank-mix with a registered grass herbicide or applied pre-emergence following a pre-plant incorporated application of a registered grass herbicide.

DO NOT MAKE MORE THAN ONE APPLICATION OF **SHARDA IMAZETHAPYR 2** PER YEAR.

#### WEEDS CONTROLLED

Weeds Controlled	Pre-Plant Incorporated	Pre-Emergence
Buckwheat, wild	C	C
Kochia (non-ALS resistant)	C	C
Lambsquarters, common	C	–
Mustard, wild	C	C
Nightshade, black	C	C
Eastern black	C	C
Hairy	C	C
Pigweed, redroot	C	C
Shepherd's purse	C	C
Thistle, Russian	C	C

**NOTE:** C = Control

Allow at least 30 days between application and harvest of succulent chickpeas. Allow at least 60 days between application and harvest of dry chickpeas.

A maximum of 0.047 lb. a.e./A of imazethapyr (3.0 oz./A of **Sharda Imazethapyr 2**) per year may be applied to Chickpeas in this region.

Refer to the **RESTRICTIONS** section for additional instructions.

### PEANUTS (Not for use in California.)

#### DIRECTIONS FOR USE

**USE RATE:** 4 oz. per Acre

Apply **Sharda Imazethapyr 2** at a broadcast rate of 4 oz./Acre (1/4 pint) for all methods of application (except sequential – see below): pre-plant incorporated, pre-emergence, ground-cracking and post-emergence. At this broadcast rate, 1 gal. of **Sharda Imazethapyr 2** will treat 32 acres of peanuts.

**Sharda Imazethapyr 2** may also be applied in a sequential application. Apply 2 oz. in a soil application (pre-plant incorporated or pre-emergence) followed by 2 oz. applied at ground-crack or post-emergence.

A maximum of 0.063 lb. a.e./A of imazethapyr (4.0 oz./A of **Sharda Imazethapyr 2**) per year may be applied to Peanuts.

**NOTE:** In Arizona for use only in Yuma and La Paz counties.

**WEEDS CONTROLLED**

When applied as directed, **Sharda Imazethapyr 2** will control or reduce competition from the weeds listed below. Refer to the **MIXING INSTRUCTIONS** section for instructions when weeds are at the maximum specified growth stage, or are under stress. (The number under **Maximum Leaf Stage** indicates the MAXIMUM number of leaves at which weeds are to be sprayed post-emergence.)

**NOTE:** C = Control, R = Reduced Competition

**BROADLEAF WEEDS CONTROLLED**

Broadleaf Weeds	SOIL APPLIED	AT-CRACK	POST-EMERGENCE	
			Maximum Leaf Stage	Size (inches)
Alligator weed	–	C	4	1 – 3
Anoda, spurred	C	C	2	1 – 2
Bristly starbur	–	–	2	1 – 2
Buffalobur	C*	C	R	1 – 3
Carpetweed	C	C	–	–
Cocklebur, common	R	C	8	1 – 8
Devil's claw	C	C	–	–
Galinsoga	C	C	–	–
Jimsonweed	C*	C	4	1 – 3
Lambsquarters, common	C*	C	R	1 – 2
Morningglory, entireleaf	R	C	2	1 – 2
ivyleaf	R	C	2	1 – 2
pitted	R	C	2	1 – 2
smallflower	C	C	4	1 – 3
tall	R	C	2	1 – 2
Mustard sp.	C	C	4	1 – 3
Nightshade, black	C	C	4	1 – 3
Eastern black	C	C	4	1 – 3
hairy	C	C	4	1 – 3
Pigweed, redroot	C	C	8	1 – 8
smooth	C	C	8	1 – 8
spiny	C	C	8	1 – 8
Poinsettia, wild	C	C	–	–
Puncturevine	C	C	–	–
Purslane, common	C	C	–	–
Pusley, Florida	C	C	–	–
Ragweed, common	R	R	4	1 – 3
giant	R	R	4	1 – 3
Sida, prickly (teaweed)	C*	C	–	–
Smartweed, Ladysthumb	C	C	4	1 – 3
Pennsylvania	C	C	4	1 – 3

Spurge, prostrate spotted toothed	C	C	4	1 – 3
	C	C	4	
	C	C	–	–
Sunflower	C*	C	4	1 – 3
Velvetleaf	C*	C	4	1 – 3

\*When **Sharda Imazethapyr 2** is soil applied, these weeds are more consistently controlled by pre-plant incorporated treatments.

#### GRASS WEEDS CONTROLLED

Grass Weeds	SOIL APPLIED*	AT-CRACK	POST-EMERGENCE	
			Maximum Leaf Stage	Size (inches)
Barnyardgrass	R	R	3	1 – 3
Crabgrass, large smooth	R	C	3	1 – 3
	R	C	3	1 – 3
Cupgrass, woolly	–	–	3	1 – 3
Foxtail, giant green yellow	C	C	6	1 – 6
	C	C	3	1 – 3
	C	C	3	1 – 3
Goosegrass	R	R	–	–
Johnsongrass, seedling rhizome	C	C	6	1 – 8
	–	–	R	6 – 12
Panicum, fall Texas	R	–	–	–
	R	–	–	–
Red rice	–	–	3	1 – 3
Shattercane	R	R	6	1 – 8
Signalgrass, broadleaf	R	C	4	1 – 6

\*When **Sharda Imazethapyr 2** is soil applied to grasses, more consistent control can be obtained from pre-plant incorporated treatments.

#### SEDGES

Weeds Controlled	SOIL APPLIED*	AT-CRACK	POST-EMERGENCE	
			Maximum Leaf Stage	Size (inches)
Nutsedge, purple yellow	C	C	3	1 – 3
	C	C	3	1 – 3

\*When **Sharda Imazethapyr 2** is soil applied to grasses, more consistent control can be obtained from pre-plant incorporated treatments.

Do not count cotyledon leaves when determining weed stage of growth.

“**AT-CRACK**” APPLICATION refers to the time when the soil cracks due to the emerging peanut seedling. This generally occurs from 10 to 14 days following planting. At this time weeds have generally not germinated, or are in the seedling stage. If weeds have more than 2 true leaves, refer to the **POST-EMERGENCE** weed control column for weeds controlled.

In West Texas and New Mexico, wait until late cracking (most of the peanuts have emerged) before applying **Sharda Imazethapyr 2**.

**Sharda Imazethapyr 2** is active against many broadleaf and grass species. However, when heavy grass or common lambsquarters pressure is anticipated, apply **Sharda Imazethapyr 2** in combination with a registered soil-applied grass herbicide (See **HERBICIDE COMBINATIONS** section).

#### WEEDS CONTROLLED BY SEQUENTIAL APPLICATIONS OF SHARDA IMAZETHAPYR 2

The sequential (split) application of **Sharda Imazethapyr 2** consists of an application of 2 oz. of product soil applied (either pre-plant incorporated or pre-emergence) followed by 2 oz. applied either at ground-crack or post-emergence.

When applied as a sequential treatment, **Sharda Imazethapyr 2** will control the weeds listed under the “**SOIL APPLIED**” and “**AT-CRACK**” applications in the **BROADLEAF WEEDS** and **GRASS WEEDS** tables (in the **PEANUTS** section of the label). It enhances the control of yellow and purple nutsedge. Apply the second application before the nutsedge exceeds 3 leaves.

### HERBICIDE COMBINATIONS

#### GRASS WEEDS

When applied as directed, **Sharda Imazethapyr 2** pre-plant incorporated or pre-emergence combination treatments with PROWL® 3.3 EC herbicide, trifluralin, Lasso®, Dual®, Balan®, Sonolan®, or Vernam® will control the weeds listed in following table, in addition to those controlled by **Sharda Imazethapyr 2** alone.

GRASSES	PROWL® 3.3 EC <sup>a</sup>	Trifluralin <sup>b</sup>	Lasso®	Dual®	Balan® <sup>b</sup>	Sonolan® <sup>b</sup>	Vernam® <sup>b</sup>
Barnyardgrass	X	X	X	X	X	X	X
Crabgrass, smooth	X	X	X	X	X	X	X
Crabgrass, large	X	X	X	X	X	X	X
Crowfootgrass	X	X	-	-	X	-	-
Goosegrass	X	X	X	X	X	X	X
Panicum, fall	X	X	X	X	X	X	X
Panicum, Texas	X	X	-	-	X	X	-
Sandbur, field	X	X	-	-	X	X	-
Signalgrass, broadleaf	X <sup>b</sup>	X	X	X	X	X	-
Witchgrass	X	X	X	X	-	X	-

<sup>a</sup> Pre-plant incorporated tank-mixture applications of **Sharda Imazethapyr 2** plus PROWL 3.3 EC will suppress the growth of itchgrass and rhizome johnsongrass.

<sup>b</sup> Pre-plant incorporated treatments only.

A selective post-emergence grass herbicide such as POAST® PLUS, Bugle™, or Whip® may be mixed with **Sharda Imazethapyr 2** to control grasses not controlled by **Sharda Imazethapyr 2**. In some cases the activity of the grass herbicide may be reduced when mixed with **Sharda Imazethapyr 2**. The reduction in activity may be overcome by delaying the application of the post-emergence grass herbicide 7 days following the application of **Sharda Imazethapyr 2**. If the post-emergence grass herbicide is applied first, wait 3 days before applying **Sharda Imazethapyr 2**. Refer to the respective grass herbicide label for directed application rate, weed size and restrictions.

#### BROADLEAF WEEDS

Broadleaf herbicides that can be tank-mixed with **Sharda Imazethapyr 2** include Basagran® and Ultra Blazer®, Starfire® and 2,4-DB. Do not apply certain herbicides **Sharda Imazethapyr 2** (see **RESTRICTIONS** section for restrictions).

For the control of sicklepod, morningglories, prickly sida and common ragweed, add 2,4-DB to the **Sharda Imazethapyr 2** spray mixture. For the control of Florida beggarweed, add Starfire to the spray mixture. Refer to the 2,4-DB or Starfire label for specific directions for use, application rates and restrictions.

**Sharda Imazethapyr 2** may also be applied post-emergence in tank-mixture with Bravo®, Bravo S® Orthene®, or Solubor®.

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### SOYBEANS

(Not for use in California.)

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#### DIRECTIONS FOR USE

**USE RATE:** 4 oz. per Acre

Apply **Sharda Imazethapyr 2** at a broadcast rate of 4 oz./Acre (1/4 pint) for all methods of application: early pre-plant, pre-plant incorporated, pre-emergence, and post-emergence (including minimum and no-till). At this broadcast rate, 1 gal. of **Sharda Imazethapyr 2** will treat 32 acres of soybeans. (See instructions under section **APPLICATIONS TO SOYBEANS IN NORTH DAKOTA AND MINNESOTA** for applications in North Dakota and Minnesota north of highway #210.)

**NOTE:** Only one application of **Sharda Imazethapyr 2** may be made during the season.

A maximum of 0.063 lb. a.e./A of imazethapyr (4 oz./A of **Sharda Imazethapyr 2**) per year may be applied to soybeans.

**WEEDS CONTROLLED**

When applied as directed, **Sharda Imazethapyr 2** will control or reduce competition from the weeds listed below. Refer to the **MIXING INSTRUCTIONS** section for instructions when weeds are at the maximum specified growth stage, or are under stress. (The number under **Maximum Leaf Stage** indicates the MAXIMUM number of leaves at which weeds should be sprayed post-emergence.)

**NOTE:** C = Control, R = Reduced Competition

Do not count cotyledon leaves when determining weed stage of growth.

**BROADLEAF WEEDS CONTROLLED**

Broadleaf Weeds	SOIL APPLIED	POST-EMERGENCE	
		Maximum Leaf Stage	Size (inches)
Alligator weed	–	4	1 – 3
Anoda, spurred	C	2	1 – 2
Artichoke, Jerusalem	–	8	6 – 10
Buffalobur	C*	R	1 – 3
Bristly starbur	–	2	1 – 2
Carpetweed	C	–	–
Cocklebur, common	R	8	1 – 8
Galinsoga	C	–	–
Jimsonweed	C*	4	1 – 3
Kochia (non-ALS resistant)	C	4	1 – 3
Lambsquarters, common	C*	R	1 – 2
Mallow, Venice	R	–	–
Marshelder	C	4	1 – 3
Morningglory, entireleaf	R	2	1 – 2
ivyleaf	R	2	1 – 2
pitted	R	2	1 – 2
smallflower	C	4	1 – 3
tall	R	2	1 – 2
Mustard sp.	C	4	1 – 3
Nightshade, black	C	4	1 – 3
Eastern black	C	4	1 – 3
hairy	C	4	1 – 3
Pigweed, redroot	C	8	1 – 8
smooth	C	8	1 – 8
spiny	C	8	1 – 8
Poinsettia, wild	C	–	–
Puncturevine	C	–	–
Purslane, common	C	–	–
Pusley, Florida	C	–	–
Sida, prickly	C*	–	–
Ragweed, common	R	R	1 – 3
giant	R	R	1 – 3
Sage, barnyard	R	1 – 3	–
Smartweed, ladysthumb	C	4	1 – 3
Pennsylvania	C	4	1 – 3
Spurge, prostrate	C	4	1 – 3
spotted	C	4	1 – 3
Sunflower	C*	4	1 – 3

Velvetleaf	C*	4	1 – 3
Thistle, Canada	–	R	1 – 3

\*When **Sharda Imazethapyr 2** is soil applied, these weeds are more consistently controlled by pre-plant incorporated treatments.

#### GRASS WEEDS CONTROLLED\*

Grass Weeds**	SOIL APPLIED	POST-EMERGENCE	
		Maximum Leaf Stage	Size (inches)
Barnyardgrass	R	3	1 – 3
Crabgrass, large smooth	R	3	1 – 3
	R	3	1 – 3
Cupgrass, woolly***	–	3	1 – 3
Foxtail, giant green yellow	C	6	1 – 6
	C	3	1 – 3
	C	3	1 – 3
Goosegrass	R	–	–
Johnsongrass, seedling rhizome	R	6	1 – 8
	C	R	6 – 12
Millet, wild proso	R	R	1 – 3
Panicum, fall Texas	R	–	–
	R	–	–
Red rice	–	3	1 – 3
Shattercane	R	6	1 – 8
Signalgrass, broadleaf	R	4	1 – 8
Sorghum, alnum	R	6	1 – 3

\*Pre-plant incorporated treatments of **Sharda Imazethapyr 2** are more consistent for grass control.

\*\***Sharda Imazethapyr 2** is active against many broadleaf and grass species. However, when heavy grass or common lambsquarters pressure is anticipated, use **Sharda Imazethapyr 2** in combination with a registered soil-applied grass herbicide (such as PROWL® herbicide) for optimum control (See **HERBICIDE COMBINATIONS** section).

\*\*\***Sharda Imazethapyr 2** only controls emerged woolly cupgrass.

#### SEDGES

Weeds Controlled	SOIL APPLIED	POST-EMERGENCE	
		Maximum Leaf Stage	Size (inches)
Nutsedge, purple yellow	R	R	1 – 3
	R	R	1 – 3

#### HERBICIDE COMBINATIONS

##### GRASS WEEDS

Use a soil applied grass herbicide (such as PROWL® 3.3 EC) to control grass weeds not on the **Sharda Imazethapyr 2** label and to enhance the control of certain broadleaf weeds such as common lambsquarters and pigweeds. Refer to the PROWL® 3.3 EC (or other grass herbicide) label for specific use instructions, rates and precautions.

When applied as directed, **Sharda Imazethapyr 2** pre-plant incorporated or pre-emergence combination treatments with PROWL® 3.3 EC, TRI-4®, trifluralin, Outlook®, Lasso®, or Dual® will control the weeds listed in following table, in addition to those controlled by **Sharda Imazethapyr 2** alone.

GRASSES	PROWL® 3.3 EC a	Trifluralin b	Lasso®	Dual®	Outlook®
Barnyardgrass	X	X	X	X	X
Crabgrass, smooth	X	X	X	X	X
Crabgrass, large	X	X	X	X	X
Crowfootgrass	X	X			
Goosegrass	X	X	X	X	X

Millet, wild proso	X	X			
Panicum, fall	X	X	X	X	X
Panicum, Texas	X	X			
Sandbur, field	X	X			
Shattercane	X <b>b</b>	X			
Signalgrass, broadleaf	X <b>b</b>	X	X	X	X
Witchgrass	X	X	X	X	X

<sup>a</sup> Pre-plant incorporated tank-mixture applications of **Sharda Imazethapyr 2** plus PROWL® 3.3 EC will suppress the growth of itchgrass and rhizome Johnsongrass.

<sup>b</sup> Pre-plant incorporated treatments only.

A selective post-emergence grass herbicide such as POAST® PLUS may be mixed with **Sharda Imazethapyr 2** to control volunteer corn or grasses not controlled by **Sharda Imazethapyr 2**. For best results use crop oil concentrate AND liquid fertilizer with grass herbicide tank-mixtures.

#### Sharda Imazethapyr 2 + POAST® PLUS For Enhanced Grass Control

Apply **Sharda Imazethapyr 2** at the rate of 4 oz./Acre. Refer to the table below for the appropriate rate of POAST® PLUS herbicide for enhanced grass control. The addition of POAST® PLUS to **Sharda Imazethapyr 2** at the specified rates will control the grasses listed below. (Refer to the POAST® PLUS label for additional weeds controlled.)

POAST® PLUS Rate* (oz. per acre)	Annual Grasses Controlled	Size (inches)
12 oz.	Wild Proso Millet	4 – 10"
	Shattercane	3 – 12"
16 oz.	Foxtail, Giant	3 – 8"
	Junglerice	3 – 8"
	Panicum, Fall Texas	3 – 8"
		3 – 8"
	Signalgrass, Broadleaf	3 – 8"
20 oz.	Volunteer Corn	4 – 10"
24 oz.	Barnyardgrass	3 – 8"
	Crabgrass, Large Smooth	3 – 6"
		3 – 6"
	Cupgrass, Woolly	3 – 8"
	Foxtail, Green Yellow	3 – 8"
		3 – 8"
	Goosegrass	3 – 6"
	Johnsongrass, Seedling	3 – 8"
	Sprangletop, Red	3 – 8"
Witchgrass	3 – 8"	

\*If a mixture of grasses are present, use the highest rate indicated for the grasses present.

The addition of POAST® PLUS herbicide to **Sharda Imazethapyr 2** enhances the grass control, especially when heavy infestations of grass exist. It also provides control of grasses not controlled by **Sharda Imazethapyr 2**. In some cases the activity of POAST® PLUS may be reduced when mixed with **Sharda Imazethapyr 2**. The reduction in activity may be overcome by delaying the application of POAST® PLUS herbicide 7 days following the application of **Sharda Imazethapyr 2**. If POAST® PLUS is applied first, wait 3 days before applying **Sharda Imazethapyr 2**.

For optimum control, apply the tank-mixture to actively growing weeds at the sizes indicated in the table above (for sequential applications refer to application rates and weeds sizes indicated in the **Sharda Imazethapyr 2** and POAST® PLUS labels). Refer to the POAST® PLUS label for additional information regarding application rates, restrictions, precautions, weeds controlled, adjuvants recommended and other information.

#### BROADLEAF WEEDS

Broadleaf herbicides that can be tank-mixed with **Sharda Imazethapyr 2** include ULTRA BLAZER®, Basagran®, Cobra®, FirstRate®, Gramoxone® Extra, Storm®, Flexstar® or Reflex®. Roundup® Ultra may be tank-mixed with **Sharda Imazethapyr 2** to aid in control of certain weeds only in Roundup Ready® Soybeans. See the Roundup® Ultra label for rates and weeds controlled and other restrictions. Certain herbicides should not be applied with **Sharda Imazethapyr 2** (see RESTRICTIONS section).

**Sharda Imazethapyr 2 + ULTRA BLAZER® For Enhanced Control of Common Ragweed and Pigweeds (including tall and common waterhemp)**

The addition of ULTRA BLAZER® to **Sharda Imazethapyr 2** at the specified rates will enhance the control of several broadleaf weeds, including common and giant ragweed, pigweed species and waterhemp. (Refer to the ULTRA BLAZER® label for additional weeds controlled.)

When tank-mixing ULTRA BLAZER® with **Sharda Imazethapyr 2**, apply **Sharda Imazethapyr 2** at the rate of 4 oz./Acre. Apply ULTRA BLAZER® at the following rates, depending on weed size:

ULTRA BLAZER® Rate (oz. per acre)*			
Weeds	8 – 10 oz.	12 – 14 oz.	16 – 20 oz.
	Weed Size		
Common ragweed Pigweed species Waterhemp, tall common	1 – 4"	4 – 6"	6 – 8"
Giant ragweed	–	1 – 6"	6 – 8"***

\*Use the higher rate if common ragweed is present or the weed population is high.

\*\*Use the 20 oz./acre rate if giant ragweed is 6 – 8 inches tall.

**ULTRA BLAZER® Sequential Application Rates**

When applying ULTRA BLAZER® following a **Sharda Imazethapyr 2** application (sequential), apply ULTRA BLAZER® at the following rates:

ULTRA BLAZER® Rate (oz. per acre)*			
Weeds	10 – 12 oz.	14 – 16 oz.	18 – 24 oz.
	Weed Size		
Common ragweed Pigweed species Waterhemp, tall common	1 – 4"	4 – 6"	6 – 8"
Giant ragweed	–	1 – 6"	6 – 8"***

\*Use the higher rate if common ragweed is present or the weed population is high.

\*\*Use the 24 oz./acre rate if giant ragweed is 6 – 8 inches tall.

**Sharda Imazethapyr 2 + FirstRate® for Enhanced Control of Ragweed Species**

FirstRate® may be tank-mixed with **Sharda Imazethapyr 2** to aid in the control of common and giant ragweed. See the FirstRate label for specified rates and precautions.

**Sharda Imazethapyr 2 + Sulfentrazone Containing Compounds**

**Sharda Imazethapyr 2** provides control of many grasses and broadleaf weeds when applied to the soil or applied post-emergence to weeds. It also provides season-long control of many weeds. Sulfentrazone containing products (such as Authority® or Canopy® XL) may be tank-mixed with **Sharda Imazethapyr 2** in soil applications for enhanced weed control in soybeans.

**Sharda Imazethapyr 2** may be applied post-emergence to soybeans previously treated with sulfentrazone containing products.

**NOTE:** Sulfentrazone-containing products are only labeled for soil applications to soybean.

**Sharda Imazethapyr 2 + Harmony® GT for Enhanced Control of Common Lambsquarters**

For optimal weed control management, apply a soil applied grass herbicide such as PROWL®, TRI-4®, or Trifluralin followed by **Sharda Imazethapyr 2** post-emergence. If common lambsquarters are not adequately controlled by the soil applied treatment, Harmony® GT herbicide may be tank-mixed with **Sharda Imazethapyr 2** for additional activity.

The addition of Harmony® GT herbicide to **Sharda Imazethapyr 2** may cause severe injury and/or stunting to soybeans, especially when applied under hot, humid conditions. The USER ASSUMES ALL RISKS AND CONSEQUENCES associated with applications of this tank-mixture to soybeans.

When tank-mixing Harmony® GT with **Sharda Imazethapyr 2**, use the following rates:

**Sharda Imazethapyr 2 – 4 oz./Acre**

AND  
 Harmony® GT – 1/24 oz./Acre

Add to the spray mixture:

Non-ionic surfactant – 1 quart per 100 gals. (0.25% v/v)

AND

Liquid nitrogen based fertilizer (such as 28%N, 32%N, or 10-34-0) at the rate of 1.25 to 2.5 gals. per 100 gals. of spray solution. Instead of a liquid fertilizer, spray grade ammonium sulfate may be used at the rate of 12 – 15 lbs. per 1.00 gals. of spray solution.

Apply to 1 – 3 trifoliate stage soybeans only.

**Other Tank-Mixture Combinations**

**Sharda Imazethapyr 2 + SCEPTER® DG for Volunteer Corn and Common Sunflower**

The application of **Sharda Imazethapyr 2** plus SCEPTER® DG may be applied to states or portions of states described as Region 2 or Region 3 on the SCEPTER® DG label, and the following counties in South Dakota: Yankton, Bon Homme, Hutchinson, McCook, Hanson, Davison, Miner, Lake, and Kingsbury. Refer to the respective labels for the recommended use area. Do not use this tank-mixture in North Dakota or in Minnesota north of state highway #210.

Apply the products at the following rate:

**Sharda Imazethapyr 2 – 4 oz./Acre**

AND

SCEPTER® DG – 0.53 oz./Acre\*

\*At the rate of 0.53 oz./Acre, one 14 oz. soluble bag of SCEPTER® DG will treat 26.4 acres.

The tank-mixture of **Sharda Imazethapyr 2** plus SCEPTER® DG will suppress volunteer corn. Apply to volunteer corn up to 10 inches in height.

The tank-mixture of **Sharda Imazethapyr 2** and SCEPTER® DG will enhance the control of common sunflowers. Apply to sunflowers up to 3 inches in size.

Refer to the SCEPTER® DG label for additional weeds controlled.

A post-emergence application of **Sharda Imazethapyr 2** plus SCEPTER® DG will NOT suppress volunteer CLEARFIELD® corn (field corn hybrids which possess tolerance or resistance to imidazolinone herbicides i.e., **Sharda Imazethapyr 2** and SCEPTER® DG).

**APPLICATIONS TO SOYBEANS IN NORTH DAKOTA AND MINNESOTA (north of highway #210)**

**Application Rate:** Apply **Sharda Imazethapyr 2** at 3 oz./Acre post-emergence only.

Weeds Controlled	POST-EMERGENCE	
	Maximum Leaf Stage	Size (inches)
Cocklebur, common*	4	1 – 4
Kochia (non-ALS resistant)	4	1 – 3
Mustard, species	4	1 – 3
Nightshade, black	4	1 – 3
Eastern black hairy	4	1 – 3
Pigweed, redroot	4	1 – 4
Wild oats**	3	1 – 4

\*For control of common cocklebur, add ULTRA BLAZER® herbicide at the rate of 12 oz./Acre to the spray solution.

\*\***Sharda Imazethapyr 2** will reduce competition from wild oats.

**ROTATIONAL CROP RESTRICTIONS**

The following rotational crops may be planted after applying **Sharda Imazethapyr 2** at the specified rate: (Planting earlier than the specified interval may result in crop injury.)

Crop	Months after Sharda Imazethapyr 2 application
CLEARFIELD® corn hybrids (resistant/tolerant to <b>Sharda Imazethapyr 2</b> ) Lima beans	Anytime

Southern peas Soybeans Peanuts	
Alfalfa Clover Rye (Except in North Dakota and Minnesota north of highway #210) Wheat Edible beans and peas (other than lima beans and Southern peas)	4
Field corn Field corn grown for seed	8 1/2
Barley Tobacco	9 1/2
Cotton* Lettuce Oats Popcorn Rye in North Dakota and Minnesota north of highway #210 Safflower Sorghum Sunflower Sweet corn	18
Potatoes Flax	26
All crops not listed elsewhere in this ROTATIONAL CROP GUIDELINE**	40

\*Refer to the following table for a Cotton Rotation Interval following **Sharda Imazethapyr 2** application to alfalfa or clover grown for seed production. These guidelines do not apply to **Sharda Imazethapyr 2** applications made to alfalfa grown for hay or forage (Use the 18-month Rotational Interval above).

\*\*Following forty months after a **Sharda Imazethapyr 2** application, and before planting any crop not listed elsewhere in the **ROTATIONAL CROP RESTRICTIONS**, a successful field bioassay must be completed. The field bioassay consists of a test strip of the intended rotational crop planted across the previously treated field and grown to maturity. The test strip must include low areas and knolls, and include variations in soil such as type and pH. If no crop injury is evident in the test strip, the intended rotational crop may be planted the following year.

Sugar beet production can be reduced when grown in soil conditions with a pH less than 6.5. If the field is limed to adjust pH prior to planting rotational crops not listed in the **ROTATIONAL CROP RESTRICTIONS**, apply the lime at least 12 months prior to planting the rotational crop.

Use of **Sharda Imazethapyr 2** herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

**Cotton Rotation Following Application of Sharda Imazethapyr 2 to Alfalfa or Clover Grown For Seed**

Irrigation/Precipitation Requirements	Rotation Interval	
	Less than 3 acre feet or 36" of water	
Greater than or equal to 3 acre feet or 36" of water		18 Months

**EXCEPTIONS TO ROTATIONAL CROP RESTRICTIONS**

**Barley:** (States of Delaware, Indiana, Kentucky, Maryland, New Jersey, Ohio, Pennsylvania, and Virginia only.) Barley may be planted 4 months following a **Sharda Imazethapyr 2** application in these states.

**Barley:** (North Dakota only.) Barley may be planted 18 months following a **Sharda Imazethapyr 2** application.

**CLEARFIELD® canola:** CLEARFIELD® varieties of canola, such as Pioneer® 45A71 and Pioneer® 46A76, may be planted as a rotational crop the next season after an application of **Sharda Imazethapyr 2** herbicide at label rates on registered crops.

**Corn inbred lines:** Corn inbred seed lines may be planted the year following an application of **Sharda Imazethapyr 2**. Several seed companies have tested a wide range of inbreds for sensitivity to **Sharda Imazethapyr 2** soil residues and have reported good crop safety. However, due to the proprietary nature of seed production, Albaugh, Inc. has not been given access to the inbred data. Growers are directed to contact the seed company for information and instructions regarding the planting of corn grown for seed in fields

treated with **Sharda Imazethapyr 2** the previous year. Since growing conditions, environmental conditions and grower practices are beyond the control of Sharda USA LLC, all risks and consequences associated with planting seed corn inbreds into fields treated previously with **Sharda Imazethapyr 2** shall, to the extent allowable by applicable law, be assumed by the user.

**Sweet corn and popcorn varieties:** (States of Illinois, Indiana, Iowa, Minnesota, Ohio, Tennessee, and Wisconsin only.) Sweet corn and popcorn varieties may be planted the year following an application of **Sharda Imazethapyr 2**. Some sweet corn and popcorn varieties may be injured when planted at less than 18 months following an application of **Sharda Imazethapyr 2** herbicide. Before planting sweet corn for processing, contact the processor company for information and specifications regarding the tolerance of sweet corn varieties planned for fields treated with **Sharda Imazethapyr 2** the previous year. DO NOT plant fresh market sweet corn varieties prior to 18 months after **Sharda Imazethapyr 2** use. Before planting popcorn, contact the popcorn company for information and instructions regarding the tolerance of popcorn varieties planned for fields treated with **Sharda Imazethapyr 2** the previous year.

Since growing conditions, environmental conditions and grower practices are beyond the control of SHARDA USA LLC, TO THE EXTENT ALLOWABLE BY APPLICABLE LAW, ALL RISKS AND CONSEQUENCES ASSOCIATED WITH PLANTING SWEET CORN OR POPCORN VARIETIES INTO FIELDS TREATED PREVIOUSLY WITH **SHARDA IMAZETHAPYR 2** SHALL BE ASSUMED BY THE USER.

Stunting and maturity delay or other adverse effects may result when sweet corn or popcorn are planted following **Sharda Imazethapyr 2** use.

**Certain vegetable crops:** (States of Alabama, Delaware, Florida, Georgia, Indiana, Kentucky, Maryland, New Jersey, North Carolina, Pennsylvania, South Carolina, and Virginia only.) The following crops may be planted 18 months following the last application of **Sharda Imazethapyr 2**: bahiagrass, cabbage, cantaloupe, cucumber, Irish potato, onion, sweet potato transplants, sweet pepper transplants, tomato transplants, and watermelon.

**Cotton:** (States of North Carolina, South Carolina, and Virginia only.) Cotton may be planted nine and one-half months after an application of **Sharda Imazethapyr 2** if all of the following criteria are met:

- **Sharda Imazethapyr 2** applied to peanuts only.
- Soil texture is sandy loam or loamy sand only.
- Greater than 16 inches of rainfall and/or irrigation is received following application of **Sharda Imazethapyr 2** through October of the application year.

**Field Corn and Field Corn Grown for Seed:** (Arizona, Hawaii, Idaho, Montana, Nevada, Oregon, Utah, Washington, and Wyoming) Nine and one-half months after **Sharda Imazethapyr 2** application.

**Snap Beans:** When applied at no more than 1.5 oz./Acre to snap beans in the use areas defined on this label, snap beans may be replanted at any time after application of **Sharda Imazethapyr 2**.

**Wheat:** Wheat may be planted 3 months following a **Sharda Imazethapyr 2** application in areas east of Interstate highway I-35.

When **Sharda Imazethapyr 2** is applied at no more than 3 oz./Acre to edible legumes in the use areas described the following rotational restrictions apply:

- Chickpeas, lentils and peas may be planted anytime following a **Sharda Imazethapyr 2** application.
- Snap beans may be planted 3 months and barley 4 months following an application of **Sharda Imazethapyr 2**.

## RESTRICTIONS

### CLEARFIELD® CORN

There must be an interval of at least 45 days between an application of **Sharda Imazethapyr 2** and corn harvest (silage, fodder, or grain). DO NOT graze or feed treated corn forage, silage, fodder, or grain for at least 45 days after an application of **Sharda Imazethapyr 2**.

All soil insecticides, including labeled banded or in-furrow applications, may be used in combination with Pioneer imidazolinone-resistant (IR) corn hybrids.

Imidazolinone-tolerant hybrids from other seed companies may occasionally exhibit injury symptoms when soil insecticides are used in combination with **Sharda Imazethapyr 2**. DO NOT USE COUNTER® 15G systemic insecticide-nematicide in-furrow with imidazolinone-tolerant corn hybrids. Other registered organophosphate insecticides such as banded applications of COUNTER® 15G, COUNTER® CR or THIMET® soil and systemic insecticide, or in-furrow applications of COUNTER® CR or other registered carbamate or pyrethroid insecticides may be used in combination with **Sharda Imazethapyr 2** applications. Sharda USA LLC has not tested all hybrids in which the imidazolinone-tolerance trait is claimed and cannot be responsible for factors which are beyond its control, such as

growing conditions, environmental conditions, grower practices and the specific genetics of each hybrid tolerance to **Sharda Imazethapyr 2** and insecticide applications.

#### **EDIBLE LEGUMES VEGETABLES**

There must be an interval of at least 30 days between application and harvest of snap beans, lima beans, chickpeas (Arizona and California), English peas, and Southern peas.

There must be an interval of at least 60 days between application and harvest of dry edible peas, lentils, chickpeas, red kidney beans, and other dry bean or pea types listed on this label.

When **Sharda Imazethapyr 2** is applied at no more than 3 oz./Acre to edible legumes in the use areas described, the following rotational restrictions apply:

- Chickpeas, lentils and peas may be planted anytime following a **Sharda Imazethapyr 2** application.
- Snap beans may be planted 3 months and barley 4 months following an application of **Sharda Imazethapyr 2**.

#### **NON-GRASS ANIMAL FEED (ALFALFA AND CLOVER)**

Do not feed, graze or harvest alfalfa or clover for 30 days following an application of **Sharda Imazethapyr 2** to alfalfa or clover.

#### **SOYBEANS**

If soybeans are furrow irrigated, till the soil prior to planting winter wheat or barley. Break the beds up and the soil mixed with tillage equipment set to cut 4 to 6 inches deep.

There must be an interval of at least 85 days between an application of **Sharda Imazethapyr 2** and soybean harvest.

Make **Sharda Imazethapyr 2** applications before soybean bloom.

Do not graze or feed treated soybean forage, hay or straw to livestock.

DO NOT tank-mix **Sharda Imazethapyr 2** with clomazone containing herbicides (Command®). **Sharda Imazethapyr 2** may be applied post-emergence following a soil application of Command®.

#### **PEANUTS**

Do not graze or feed treated peanut forage, vines, hay or straw to livestock.

There must be an interval of at least 85 days between an application of **Sharda Imazethapyr 2** and peanut harvest.

Classic® may be applied post-emergence to peanuts following a **Sharda Imazethapyr 2** application. Refer to the Classic® label for specific use directions.

DO NOT apply PURSUIT PLUS® EC to peanuts the same year as **Sharda Imazethapyr 2**.

#### **ALL CROPS**

Full rate application of products containing chlorimuron ethyl (Classic®, Canopy® XL, Synchrony®, etc.) chloransulam-methyl (FirstRate®), flumetsulam (Hornet®, Python®), imazaquin (SQUADRON®, SCEPTER® 70DG), or products containing imazethapyr (**Sharda Imazethapyr 2** DG or **Sharda Imazethapyr 2 & PLUS EC**) the same year as **Sharda Imazethapyr 2** may increase the risk of injury to sensitive follow crops. Consult labels for specific uses of these products in combinations.

Only rotational crops harvested at maturity may be used for feed or food.

In the event of a crop loss due to weather, soybeans, peanuts, or CLEARFIELD® corn can be replanted. DO NOT work the soil deeper than 2 inches.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** Keep from freezing: DO NOT store below 32°F.

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA region office for guidance.

**Container Handling:**

**NONREFILLABLE CONTAINER (EQUAL TO OR LESS THAN 5 GALLONS):** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available.

**NONREFILLABLE CONTAINER (GREATER THAN 5 GALLONS):** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available.

**REFILLABLE CONTAINER:** Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Sharda USA LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Sharda USA LLC and Seller harmless for any claims relating to such factors.

Sharda USA LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or Sharda USA LLC and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, Sharda USA LLC, MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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